Everyday Math
Activity #10: Buying on the Installment Plan

1. A necklace and earring set marked $159 can be bought for 15% down and $20 a week for nine weeks.

    (a) What is the cash price of the jewelry set including an 8% sales tax?

    (b) How much does the jewelry set cost on the installment plan?

    (c) How much more does it cost to buy the jewelry set on the installment plan than it does to pay cash?

2. A color television marked $459 can be bought for 10% down and $12 a week for a year.

    (a) What is the cash price of the television including a 5% sales tax?

    (b) How much does the television cost on the installment plan?

    (c) How much more does it cost to buy the television on the installment plan than to pay cash?